## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/533,144B
Source:	1FWO.
Date Processed by STIC:	. 2/8/07

## ENTERED



**IFWO** 

RAW SEQUENCE LISTING DATE: 02/08/2007
PATENT APPLICATION: US/10/533,144B TIME: 11:07:57

Input Set : E:\seqlist.txt

4 <110> APPLICANT: MASUDA, ESTEBAN

Output Set: N:\CRF4\02082007\J533144B.raw

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              IDENTIFYING TARGETS THEREFOR
     10 <130> FILE REFERENCE: RIGL-023
     12 <140> CURRENT APPLICATION NUMBER: 10/533,144B
     13 <141> CURRENT FILING DATE: 2005-04-27
     15 <150> PRIOR APPLICATION NUMBER: US03/27370
     16 <151> PRIOR FILING DATE: 2003-08-30
     18 <150> PRIOR APPLICATION NUMBER: 60/407,385
     19 <151> PRIOR FILING DATE: 2002-08-30
     21 <160> NUMBER OF SEQ ID NOS: 4
     23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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     52 Phe Asp Leu Thr Val Pro Gly Pro His Asn Phe Val Ala Asn Asp Ile
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W--> 55 atc gtc cac aac agc nnn nnn nnn tgc atc agc ggc gac agc ctg
W--> 56 Ile Val His Asn Ser Xaa Xaa Xaa Cys Ile Ser Gly Asp Ser Leu
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                                 55
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     60 Ile Ser Leu Ala Ser Thr Gly Lys Arg Val Ser Ile Lys Asp Leu Leu
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     64 Asp Glu Lys Asp Phe Glu Ile Trp Ala Ile Asn Glu Gln Thr Met Lys
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100								
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115								<b>J</b>
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76 Asn His Arg Phe Leu Thr Ile Asp Gly Trp Lys Arg Leu Asp Glu Leu 77 130 135 140 79 agc cta aag gag cac atc gcc cta ccc cgg aag cta gag agc agc agc 80 Ser Leu Lys Glu His Ile Ala Leu Pro Arg Lys Leu Glu Ser Ser Ser 81 145 150 155 150 83 cta cag cta ggc ctc cgc ggc cag atc gat gtg agc aag ggc gag gag 84 Leu Gln Leu Gly Leu Arg Gly Gln Ile Asp Val Ser Lys Gly Glu Glu 85 165 170 175 87 ctg ttc acc ggg gtg gtg ccc atc ctg gtc gag ctg gac ggc gac gta 88 Leu Phe Thr Gly Val Val Pro Ile Leu Val Glu Leu Asp Gly Asp Val 89 180 180 190 91 aac ggc cac aag ttc agc gtg tcc ggc gag ggc gag ggc gat gcc acc 92 Asn Gly His Lys Phe Ser Val Ser Gly Glu Gly Glu Gly Asp Ala Thr 93 195 200 205 95 tac ggc aag ctg acc ctg aag ttc atc tgc acc acc ggc gag ctg ccc 96 Tyr Gly Lys Leu Thr Leu Lys Phe Ile Cys Thr Thr Gly Lys Leu Pro 97 210 215 220 99 gtg ccc tgg ccc acc ctc gtg acc acc ctg acc cac ggc gtg cag tgc 100 Val Pro Trp Pro Thr Leu Val Thr Thr Leu Thr His Gly Val Gln Cys 101 225 230 235 240 103 ttc agc cgc tac ccc gac cac atg aag cag cac gac ttc tc aag tcc 104 Phe Ser Arg Tyr Pro Asp His Met Lys Gln His Asp Phe Phe Lys Asp 105 260 265 107 gcc atg ccc gaa ggc tac gtc cag ag ggc gag ggc gag ggc gac gcc 111 gac ggc aac tac aag acc cgg cg gag ggc gac gac gac ga	_		cta acc			•		cta 432
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81 145	_			_				-
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85								
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104 Phe Ser Arg Tyr Pro Asp His Met Lys Gln His Asp Phe Phe Lys Ser 105				•				
105								•
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128 Ile Arg His Asn Ile Glu Asp Gly Ser Val Gln Leu Ala Asp His Tyr								
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131 cag cag aac acc cca att ggc gac ggg ccc gtg ctg ctc gac aac 132 Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro Val Leu Leu Pro Asp Asn 360 135 cac tac ctg agc acc cag agc gct ctt tcg aaa gac ccc aac gag aag 136 His Tyr Leu Ser Thr Gln Ser Ala Leu Ser Lys Asp Pro Asn Glu Lys 375 380 137 370 139 ege gat cat atg gte etg ete gag tte gtg ace gee geg gte act act ... 1200 140 Arg Asp His Met Val Leu Leu Glu Phe Val Thr Ala Ala Gly Ile Thr 400 390 395 143 ctc ggc atg gac gag ctg tac aag taa 1227 144 Leu Gly Met Asp Glu Leu Tyr Lys \* 405 148 <210> SEQ ID NO: 2 149 <211> LENGTH: 408 150 <212> TYPE: PRT 151 <213> ORGANISM: Artificial Sequence 153 <220> FEATURE: 154 <221> NAME/KEY: VARIANT 155 <222> LOCATION: 54, 55, 56, 57 156 <223> OTHER INFORMATION: Xaa = Any Amino Acid 158 <220> FEATURE: 159 <223> OTHER INFORMATION: synthetic polypeptide 161 <400> SEQUENCE: 2 162 Met Glu Ser Gly Ser Pro Glu Ile Glu Lys Leu Ser Gln Ser Asp Ile 164 Tyr Trp Asp Ser Met Val Ser Ile Thr Glu Thr Gly Val Glu Glu Val 20 25 166 Phe Asp Leu Thr Val Pro Gly Pro His Asn Phe Val Ala Asn Asp Ile W--> 168 Ile Val His Asn Ser Xaa Xaa Xaa Cys Ile Ser Gly Asp Ser Leu 169 170 Ile Ser Leu Ala Ser Thr Gly Lys Arg Val Ser Ile Lys Asp Leu Leu 172 Asp Glu Lys Asp Phe Glu Ile Trp Ala Ile Asn Glu Gln Thr Met Lys 85 90 174 Leu Glu Ser Ala Lys Val Ser Arg Val Phe Cys Thr Gly Lys Lys Leu 105 176 Val Tyr Ile Leu Arg Thr Arg Leu Gly Arg Thr Ile Lys Ala Thr Ala 115 120 178 Asn His Arg Phe Leu Thr Ile Asp Gly Trp Lys Arg Leu Asp Glu Leu 130 135 180 Ser Leu Lys Glu His Ile Ala Leu Pro Arg Lys Leu Glu Ser Ser Ser 155 182 Leu Gln Leu Gly Leu Arg Gly Gln Ile Asp Val Ser Lys Gly Glu Glu 170 165 184 Leu Phe Thr Gly Val Val Pro Ile Leu Val Glu Leu Asp Gly Asp Val 180 185 186 Asn Gly His Lys Phe Ser Val Ser Gly Glu Gly Glu Gly Asp Ala Thr 187 200

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                                       330
                   325
204 Ile Arg His Asn Ile Glu Asp Gly Ser Val Gln Leu Ala Asp His Tyr
                                   345
206 Gln Gln Asn Thr Pro Ile Gly Asp Gly Pro Val Leu Leu Pro Asp Asn
    355
                               360
                                                   365
208 His Tyr Leu Ser Thr Gln Ser Ala Leu Ser Lys Asp Pro Asn Glu Lys
                           375
210 Arg Asp His Met Val Leu Leu Glu Phe Val Thr Ala Ala Gly Ile Thr
211 385
                       390
                                           395
212 Leu Gly Met Asp Glu Leu Tyr Lys
216 <210> SEQ ID NO: 3
217 <211> LENGTH: 5
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: synthetic peptide
224 <400> SEQUENCE: 3
225 Gly Ser Gly Gly Ser
226 1
229 <210> SEQ ID NO: 4
230 <211> LENGTH: 4
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: synthetic peptide
237 <400> SEQUENCE: 4
238 Ala Gly Pro Ile
239 1
```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/533,144B

DATE: 02/08/2007 TIME: 11:07:58

Input Set : E:\seqlist.txt

Output Set: N:\CRF4\02082007\J533144B.raw

## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 160,161,162,163,164,165,166,167,168,169,170,171/

Seq#:1; Xaa Pos. 54.55,56,57

Seq#:2; Xaa Pos. 54,55,56,57

DATE: 02/08/2007

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/533,144B TIME: 11:07:58

Input Set : E:\seqlist.txt

Output Set: N:\CRF4\02082007\J533144B.raw

L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:144 L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:192 L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:48